

What is claimed is:

1. A heat exchanger comprising:
refrigerator pipes arranged at regular intervals; and
5 cooling pins arranged between the refrigerator pipes and integrally formed
with the refrigerator pipes.
2. The heat exchanger of claim 1, wherein a support holder
supporting the refrigerator pipes is disposed at both sides of the refrigerator pipes.
- 10 3. The heat exchanger of claim 1, wherein the refrigerant pipe and
the cooling fin are made of an aluminum material.
4. The heat exchanger of claim 1, wherein, regarding the refrigerant
15 pipes, two refrigerant pipes are arranged at a certain interval and repeatedly bent,
respectively.
5. The heat exchanger of claim 1, wherein the cooling fins are
formed in a direction of a right angle to a longitudinal direction of the refrigerant
20 pipe between the refrigerants and has a certain tilt angle.
6. The heat exchanger of claim 2, wherein there is no cooling fin at a
portion of the refrigerant pipe inserted into a slot of the support holder.
- 25 7. A method for fabricating a heat exchanger comprising:

a first step of integrally forming refrigerant pipes and a flat type cooling fin forming part between the refrigerant pipes;

a second step of forming a plurality of cooling fins at the cooling fin forming part;

5 a third step of bending the cooling fin-formed refrigerant pipe several times at certain intervals; and

a fourth step of assembling a support holder at both sides of the refrigerant pipe.

10 8. The method of claim 7, wherein, in the first step, two refrigerant pipes and the flat type cooling fin forming part between the two refrigerant pipes are integrally formed by using a molding unit.

9. The method of claim 7, wherein, in the second step, the plural
15 cooling fins are formed with a certain tilt angle by passing the cooling fin forming part between louvering gears.

10. The method of claim 7 further comprising:
removing cooling fins formed at both sides of the refrigerant pipe so that
20 the refrigerant pipe can be inserted into a slot of the support holder after the refrigerant pipe is bent.